

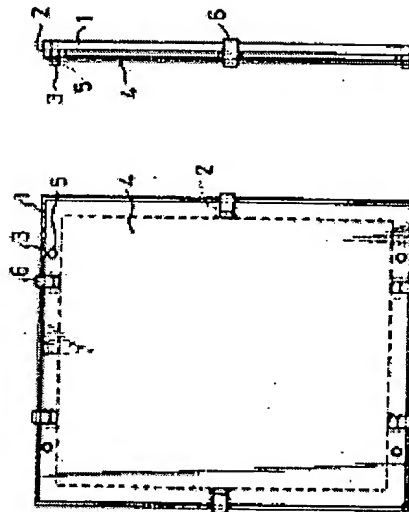
JIG FOR PLATING PRINTED WIRING BOARD

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 - international: H05K3/18; H05K3/46
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Abstract of JP1194497

PURPOSE: To prevent the imperfect plating together with making it easy to fit or remove a thin board, by providing a plurality of projecting current-flowing sections distributed on a picture-framelike supporting frame, inserting the thin board to standard pins standing on the supporting frame, and holding the projecting current-flowing sections with elastic holding metal fittings.

CONSTITUTION: Projecting current-flowing sections are fixed distributed on a supporting frame 1, and standard pins 3 stand beside them. Standard holes 5 are cut through a thin board 4 at the same positions of the opposing surface as the standard pins 3. Therefore, the standard pins 3 fixed on the supporting frame 1 are to be inserted into the standard holes 5 of the thin board 4, and the thin board 4 is fitted being pushed. Next, in order to prevent the thin board 4 fitted to the supporting frame from falling down and to make the current flow better, the thin board 4 is held with fittable and removable elastic holding metal fittings 6 from both the sides of the projecting current-flowing sections 2, fixed to a conveying frame, and transferred to a plating bath. Accordingly, the flow of the plating solution is good and the quality is kept stable. In addition, as the projecting current-flowing sections 2 have been held with the elastic holding metal fittings 6, the falling caused by vibration etc., in the middle of conveying and the bad plating can be prevented.



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